RECORD OF CHANGES

Log completed change action as indicated:

CHANGE NUMBER	DATE OF CHANGE	DATE RECEIVED	DATE ENTERED	SIGNATURE OF PERSON ENTERING CHANGE



PREFACE

- 1. The Ground Ordnance Intermediate Level Supervisors Course is designed to provide instruction for the tasks listed in Section I of this POI. The terminal learning objectives for each lesson in Section IV have been developed from the task list.
- 2. All agencies and commands receiving graduates of this course, and specifically those sighted in Section VI, are requested to review the contents of this POI and evaluate performance of the graduates against field requirements. Comments and recommendations may be submitted to:

COMMANDING OFFICER
Marine Detachment
U. S. Army Ordnance Center and School
Aberdeen Proving Ground, Maryland 21005-5281
Attn: Curriculum Development Officer

3. The information for this course has been submitted for inclusion in the current edition of NAVMC 2771 (Formal School Catalog):



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SECTION I - COURSE DESCRIPTIVE DATA

- 1. COURSE TITLE. GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE
- LOCATION. United States Marine Corps, Marine Detachment, U.S. Army Ordnance Center & School, Aberdeen Proving Ground, MD 21005-5281
- 3. COURSE ID. A01GBC1
- 4. OTHER SERVICE COURSE NUMBER. 641-F1
- 5. MILITARY ARTICLES AND SERVICE LIST NUMBER. N/A
- 6. <u>PURPOSE</u>. This course provides intermediate level supervisory training for Sergeants and Staff Sergeants, with a primary MOS of 2111, 2131, 2161, or 2171 on maintenance related programs, physical security procedures and armory operations.
- 7. SCOPE. Graduates of this course will have obtained the common knowledge and skills required for the effective maintenance administration of ordnance equipment at the organizational and intermediate levels. Emphasis is placed on the Ground Ordnance Intermediate Level Supervisor. Principle subjects of study are; Directives, Publications, Supply Support, Maintenance Production, Maintenance Related Programs, Recoverable Items Program, Maintenance Training Programs, Maintenance Logistics, Maintenance Inspections, Ordnance Maintenance Training, Armory Operations, Physical Security of Arms Ammunition and Explosives (AA&E) and a briefing on new equipment and techniques.
- 8. LENGTH (PEACETIME). 10 Training Days
- 9. CURRICULUM BREAKDOWN (PEACETIME).
 - 67.00 Academic Hours
 - 3.00 Computer-Based Training
 - 1.00 Guided Discussion
 - 39.50 Lecture
 - 16.50 Practical Application
 - 7.00 Written Exam
 - 5.00 Administrative Hours
 5.00 Administrative
- 10. LENGTH (MOBILIZATION). 0 Training Days
- 11. CURRICULUM BREAKDOWN (MOBILIZATION).
 - 0.00 Academic Hours
 - 0.00 Administrative Hours
- 12. MAXIMUM CLASS CAPACITY. 20
- 13. OPTIMUM CLASS CAPACITY. 20
- 14. MINIMUM CLASS CAPACITY. 10
- 15. CLASS FREQUENCY. 3
- 16. STUDENT PREREQUISITES. Must be qualified in the MOS 2111, 2131, 2161 or 2171, and be a Sergeant or Staff Sergeant with a minimum of fours years active duty, or on their second enlistment. If the Marine has lateral moved into the MOS, they must have served a minimum of 6 months in the MOS 2111, 2131, 2161 or 2171 and have 12 months or more remaining on active duty upon completion of the course. The 2111s



SECTION I - COURSE DESCRIPTIVE DATA

and 2171s students must have a current Arms, Ammunition & Explosive (AA&E) screening completed by the command before attending the course and have the appropriate entry code of (TTC) 498 resident in the MCTFS.

Prerequisites for USMCR are the same as above except enlistment contract criteria does not apply.

- 17. MOS RECEIVED. None.
- 18. QUOTA CONTROL. Training Command (C475)
- 19. FUNDING. TECOM (C464)
- 20. <u>REPORTING INSTRUCTIONS</u>. Students report to the Commanding Officer, Marine Detachment, US Army Ordnance Center and School, Aberdeen Proving Ground, MD 21005-5281. All students should report in by 2359 the Sunday prior to the report date to Bldg 4501, Randolph Barracks. Commercial phone 1-800 392-2015 ext: 5703 or DSN: 298-5703. Marines will report in the appropriate seasonal uniform (Service "C" or "B"). In addition, Marines will possess the utility and seasonal physical training uniforms. Privately Owned Vehicles (POV's) are authorized, family members are not authorized. Government messing and billeting are available.
- 21. INSTRUCTOR STAFFING REQUIREMENTS. See Appendix A for Instructor Computation Worksheet.

These billets are UNALLOCATED BILLETS, all instructors are drawn from personnel on hand

22. SCHOOL OVERHEAD REQUIREMENTS.

LN#	GRADE	MOS	BILLET DESCRIPTION	REQUIRED				
193A	04	2102	COMMANDING OFFICER / MC REP	1				
193B	O3E	2102	INSTRUCTOR / XO	1				
193C	E8	9999	FIRST SERGEANT	1				
193E	E3	2161	POLICE SERGEANT	1				
194A	E6	0193	ADMIN CHIEF	1				
194B	E5	0121	ADMIN CLERK	1				
194C	E4	0121	UNIT DIARY CLERK	1				
194D	E3	0121	UNIT DIARY CLERK	1				
194E	E4	0121	PERS CLERK	1				
194F	E3	0121	ADMIN CLERK	1				
195A	O3E	2102	CRS DEV SUPERVISOR	1				
195C	E7	2111	ACADEMIC COORDINATOR 1					
195D	E6	2146	CURRICULUM DEV/INSTRUCTOR 1					
195E	E6	2111	CURRICULUM DEV/INSTRUCTOR 1					
196A	E7	3043	SUPPLY CHIEF 1					
196B	E4	3043	SUPPLY NCO 1					
196C	E3	3043	SUPPLY CLERK	1				
196D	E3	3043	SUPPLY CLERK	1				
197A	W-3	2120	PLT COMDR/COURSE DIR	1				
197C	E8	2181	SENIOR INSTRUCTOR	1				
1990	E9	2181	MOS SPECIALIST	1				
199P	E6	2171	CURRICULUM DEV/INSTRUCTOR	1				
199s	E6	0369	PLATOON SERGEANT	1				
UNK1	E6	2100	MAT PLT SGT	1				
UNK3	E7	2100	S-3 OPERATIONS & TRAINING / SACO	1				
UNK4	E7	2100	DETACHMENT GUNNERY SERGEANT	1				
UNK6	E6	2100	SC / COMPUTER REPAIR / NETWORK ADMIN 1					

Comments Line# UNK1: Marines Awaiting Training, one instructor is tasked with this duty for 6 months out of the year. This billet is a full time job and the Marine is taken from one of the platoons.



SECTION I - COURSE DESCRIPTIVE DATA

Comments Line# UNK3: This billet is a full time job, which is responsible for all permanent party training and the Marine is taken from one of the platoons.

Comments Line# UNK4: The Detachment Gunnery Sergeant is in charge of barracks, grounds and maintenance. This billet is a full time job and the Marine is taken from one of the platoons.

Comments Line# UNK6: The ISC is responsible for all the computer assets and LAN connections throughout the Detachment. This is a full time job and the Marine is taken from one of the platoons.

23. TRAINING/EDUCATION SUPPORT REQUIREMENTS.

The following facility requirements are identified for one iteration of this course:

FACILITY	FACILITY ID	SQ FT	REQ'D	ON HAND	SHORT
CLASSROOM	BLDG #3144	1000	1	1	0

The following material requirements are identified for one iteration of this course:

NOMEMCLATURE	NSN	UNIT OF ISSUE	REQ'D	ON HAND	SHORT
BOX LIGHT PROJECTOR	-	EACH	1	1	0
CHAIR DESK	7110001000135	EACH	22	22	0
COMPUTER	-	EACH	22	22	0
DESK	7110001000136	EACH	22	22	0
LINKS SYRTA	-	EACH	1	1	0
PODIUM	-	EACH	1	1	0
PRINTER	-	EACH	2	2	0
SCREEN FOR BOX LIGHT	-	EACH	1	1	0
TABLE	-	EACH	1	1	0
VCR	-	EACH	1	1	0

24. TASK LIST. See Appendix B.

CDD NOTES: None.



SECTION I - COURSE DESCRIPTIVE DATA

APPENDIX A - INSTRUCTOR COMPUTATION WORKSHEET (LOCKSTEP)

SECTION I COURSE DA	TA										
COURSE: A01GBC1		GROUN	D ORDNA	NCE	INTERM	EDI	TE LEVEL	SUP	ERVISORS (OUR	SE
LOCATION: United St						cach	ment, U.S	. A	rmy Ordnar	ce	Center &
School, Aberdeen Pr	oving	Ground	d, MD 2	2100	5-5281						
PROGRAMMED ANNUAL I	NPUT ((FY 03)):	60)	LE	IGTH (AVG	CAL	DAYS):	12	
PROGRAMMED NUMBER O	PROGRAMMED NUMBER OF CLASSES/YEAR: 3 LENGTH (TRAINING DAYS): 10										
						SYI	LABUS HOU	IRS:		6	7.00
SECTION II CURRICUL	UM BRE	EAKOUT									
(A)			(B) MAX		(C) MAX		(D)		(E)		(F)
TRAINING			CLASS		RATIO		INST		SYLLABUS		INST
SITUATION			SIZE		(X:1)		REQ		HOURS		MANHOURS
Computer-Based Trai	ning		20_	÷	20.00	=	1.00	x	3.00	=	3.00
Guided Discussion			20_	÷	20.00	=	1.00		1.00	=	1.00
Lecture			20_	÷	20.00		1.00	x	<u>39.50</u>	=	
Practical Applicati			20_	÷			<u> </u>	x	<u> 16.50</u>		<u> 16.50</u>
Written Exam			20_	÷	20.00	=	1.00	x	<u>7.00</u>	=	7.00
			TO	TAL	INSTRUC	CTOF	MANHOURS	PE	R CLASS(G)	:	67.00
SECTION III INSTRUC	TOR CO	MPUTA:	TION								
TOTAL INSTRUCTOR MANHOURS PER CLASS	x	PROGRA	AMMED N	IUMB	ER =		ANNUAL INS	_			201.00
ANNUAL INSTRUCTOR CONTACT HOURS	x	1.26			=		ANNUAL INS	TRU	CTOR		253.26
ANNUAL INSTRUCTOR HOURS	÷	12			=		MONTHLY IN	ISTR	UCTOR		21.11
MONTHLY INSTRUCTOR HOURS	÷	145			=]	INSTRUCTOR	RS R	EQUIRED _	0.	146 = 1

ICW NOTES: Instructors are tasked from entry level courses to provide specific instruction for assigned classes.



SECTION I - COURSE DESCRIPTIVE DATA

APPENDIX B - TASKLIST

DUTY: 2111.03 SECURITY AND ADMINISTRATIVE FUNCTIONS

TASKS:	(S) 2111.03.07	MAINTAIN ARMORY PHYSICAL SECURITY
	(P) 2111.03.08	MAINTAIN ARMORY FUNCTIONAL AREAS
	(S) 2111.03.09	MAINTAIN MAINTENANCE TRANSACTION REPORTS
	(S) 2111.03.10	MAINTAIN ARMORY PUBLICATION AND DIRECTIVES PROGRAM
	(S) 2111.03.11	COMPLY WITH OPERATIONAL RISK MANAGEMENT (ORM) POLICES AND
		PROCEDURES.

TASK LIST NOTES: The tasks are used from the 2111's ITS. 2131, 2161 and 2171 MOS's have similar task. The majority of this course focuses on supervising maintenance related programs in all ordnance maintenance facilities.



SECTION II - SUMMARY OF HOURS

PEACETIME (10 TRAINING DAYS)

ACADEMIC TIME

TITLE	<u>HOURS</u>	<u>ANNEX</u>
GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE	67.00	A
TOTAL ACADEMIC HOURS:	67.00	
ADMINISTRATIVE TIME		
ADMIN CHECK IN / COURSE CONTENT / INTRODUCTION	2.00	Z
GRADUATION / CHECK OUT	3.00	Z
TOTAL ADMINISTRATIVE HOURS:	5.00	
SUMMARY (PEACETIME)		
ACADEMIC TIME	67.00	
ADMINISTRATIVE TIME	5.00	
TOTAL ACADEMIC AND ADMINISTRATIVE TIME:	72.00	

MOBILIZATION (0 TRAINING DAYS)

This course will not be taught during mobilization.



SECTION III - SCOPE OF ANNEXES

- A. GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE. The learning outcome of this annex is to provide the student with common knowledge and skills required for the effective maintenance administration of ordnance equipment at the organizational and intermediate levels. Emphasis is placed on the Ground Ordnance Intermediate Level Supervisor. Principal subjects of study are: Directives, Publications, Supply Support, Maintenance Production, Maintenance Related Programs, Recoverable Items Program, Maintenance Training Programs, Maintenance Logistics, Maintenance Inspections, Ordnance Maintenance Training, Physical Security, Armory Procedures and a briefing on new equipment and techniques.
- Z. <u>ADMINISTRATIVE</u>. This annex includes administrative support, course content review/introduction, graduation practice and graduation.



SECTION IV - CONCEPT CARDS

- 1. A concept card is developed to describe each academic or administrative block of time during a course. These concept cards are then grouped into subject areas, called annexes, which are summarized in Section III. Annexes A through Y are reserved for academic lessons and exams. Annex Z is reserved for administrative time.
- 2. The following information is contained on each academic concept card in Section IV:
- a. <u>Heading</u>. The heading listed at the top of the concept card includes the name of the course, the section of the POI, and the letter and title of the annex to which the lesson or exam is assigned.
- b. <u>Lesson/Exam ID</u>. This designator is a unique code assigned to this specific lesson or exam within this course.
- c. <u>Hours</u>. This number (carried to the second decimal place) depicts the amount of time required to conduct the lesson or exam once, even if it is presented multiple times to smaller groups of students.
- d. <u>Title</u>. This is the title assigned to this lesson or exam. It should refer to the subject matter covered in the lesson or exam when possible.
- e. <u>Phase (optional)</u>. This is a code depicting the phase (e.g., week, month, etc.) of the course during which this lesson or exam takes place.
- f. <u>Group (optional)</u>. This is a code depicting the instructional group or section responsible for teaching or developing this lesson or exam.
- g. <u>Methods, Hours, S:I Ratio</u>. Displayed on the concept card are codes which symbolize the methods of instruction used to present this lesson or exam. Following each method code is the time (in hours) allocated to that method and the student to instructor ratio associated with that period of time. (The hours and ratios depicted on the concept card are used to determine instructor staffing requirements.) The following is a comprehensive list of methods used in this course and their respective codes:

<u>Method</u>	<u>Code</u>
Administrative	ADMIN
Computer-Based Training	CBT
Guided Discussion	GD
Lecture	L
Practical Application	PA
Written Exam	X(W)

h. <u>Media</u>. Displayed on the concept card are codes which symbolize the media used to support this lesson or exam. The following is a comprehensive list of media used in this course and their respective codes:

Medium	<u>Code</u>
Computer	CPU
Handout	НО
PowerPoint Presentation	PPP

- i. <u>Learning Objective(s)/Lesson Purpose</u>. Academic concept cards contain either learning objectives or a lesson purpose statement, but not both.
- (1) <u>Learning Objective</u>. A learning objective describes a behavior that students are expected to perform following instruction, not necessarily identical to a behavior performed on the job. It also details the conditions under which that behavior is performed and the minimum standards of acceptable performance. A student masters the objective when his or her performance equals or exceeds the standard. (Information concerning student evaluation and mastery is contained in Section V of this POI.)



SECTION IV - CONCEPT CARDS

- (a) <u>Terminal Learning Objective (TLO)</u>. One, and only one, TLO is written for each task in Section I-B of the POI. The behavior in the TLO duplicates the actual behavior required on the job, modified only if the constraints of the academic environment will not allow it. A TLO should only appear on a concept card for a lesson or exam during which students actually perform the TLO. Each TLO is assigned a numeric designator identical to the designator of its corresponding task in Section I-B, which is identical to the designator of the Individual Training Standard (ITS) from which the task was derived. This designator is located in parentheses at the end of the TLO.
- (b) Enabling Learning Objective (ELO). ELOs are designed to teach students the knowledges and skills required for successful performance of the TLOs. Each ELO is placed only on concept cards for lessons or exams during which students actually perform the ELO. Many introductory lessons will contain only ELOs. Each ELO is assigned the same numeric designator as the TLO it supports, followed by a unique combination of one or two letters. This designator is located in parentheses at the end of the ELO. (The first 26 ELOs are assigned the letters "a" through "z" consecutively. If there are more than 26 ELOs, they are assigned the letters "aa" through "az," then "ba" through "bz," etc.)
- (2) <u>Lesson Purpose</u>. A lesson purpose statement is recorded on a concept card where no learning objectives are appropriate (e.g., overview, orientation, or enrichment lesson) and the lesson is not to be evaluated. The lesson purpose statement clearly describes the rationale for presenting the lesson.
- j. <u>Ammunition Requirements</u>. Whenever a lesson requires the use of ammunition by students or by the instructional staff in support of the lesson, the concept card for that lesson will include a table depicting those requirements. Included for each type of ammunition will be its Department of Defense Identification Code (DODIC), its nomenclature, the average number of rounds used by each student, and the number of support rounds.
- k. <u>Notes (optional)</u>. This section of the concept card contains any information pertinent to the lesson. Examples of items which may be addressed here are instructor requirements, scheduling notes, special prerequisites, references to tests on which material will be evaluated, etc.
- 1. <u>References</u>. This section contains the source documents used for development of the lesson or other references which relate to the lesson. At a minimum, it must contain all documents referenced in the learning objectives included on the concept card
- 3. The following information is contained on each administrative concept card in Section IV:
- a. <u>Heading</u>. The heading listed at the top of the concept card includes the name of the course, the section of the POI, and the fact that this concept card is part of Annex Z, Administrative Time.
- b. <u>Event ID</u>. This designator is a unique code assigned to this administrative event within the course.
- c. <u>Hours</u>. This number (carried to the second decimal place) depicts the amount of administrative time required for this event. If this is a repeating event, one concept card may indicate the cumulative hours associated with this event throughout the course.
 - d. Event. This is a short description of the administrative event.
- e. <u>Notes (optional)</u>. This section of the concept card contains any information pertinent to the administrative block of time.



SECTION IV - CONCEPT CARDS

- 4. The following pages contain useful information for locating the learning objectives and lessons that make up this course.
- a. <u>Location of Learning Objectives Report</u>. This report lists, by learning objective designator, all learning objectives developed for this course. It also identifies every concept card on which each learning objective is included.
- b. <u>Academic and Administrative Summaries</u>. These reports list, by annex, all academic and administrative concept cards in Section IV. Within each annex the concept cards are listed in lesson identifier order. The information provided for each entry includes Identifier, Title, Hours, and Type [Task-oriented lesson (T), Lesson Purpose lesson (LP), Exam (E), or Administrative Time (ADM)]. A subtotal of hours is provided for each annex and for all academic and administrative concept cards. Total POI hours are listed at the end of the Administrative Summary.



SECTION IV - CONCEPT CARDS

LO	ANNEX	LESSON ID	LESSON TITLE
2111.03.07	A A	21XXTS07 21XXTS11	
2111.03.07a	A	21XXTS07	PHYSICAL SECURITY
2111.03.07b	A	21XXTS07	PHYSICAL SECURITY
2111.03.07c	A	21XXTS07	PHYSICAL SECURITY
2111.03.07d	A	21XXTS07	PHYSICAL SECURITY
2111.03.07e	A	21XXTS07	PHYSICAL SECURITY
2111.03.07f	A	21XXTS07	PHYSICAL SECURITY
2111.03.07g	A	21XXTS07	PHYSICAL SECURITY
2111.03.08	A	21XXT001	TABLE OF ORGANIZATION & EQUIPMENT (T/O&E)
2111.03.00	A	21XXT003	·-
	A	21XXT004	
	A	21XXT006	PRODUCT QUALITY DEFICIENCY REPORT (PQDR)
	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT009	
	A	21XXT013	MID COURSE EXAM
	A	21XXTS01	RECOVERABLE ITEMS
	A	21XXTS02	RASP / LASER
		-	
	A	21XXTS04	
	A	21XXTS06	
	A	21XXTS08	
	A	21XXTS09	MISSILE RECORD JACKETS
	A	21XXTS11	END OF COURSE TEST
2111.03.08a	A A	21XXT003 21XXT013	MOS TRAINING / ITS / RECORDS MID COURSE EXAM
2111.03.08b	A	21XXT003	MOS TRAINING / ITS / RECORDS
	A	21XXT013	
2111.03.08c	A	21XXT003	MOS TRAINING / ITS / RECORDS
	A	21XXT013	MID COURSE EXAM
2111.03.08d	A	21XXT003	MOS TRAINING / ITS / RECORDS
	A	21XXT013	MID COURSE EXAM
	41	22221010	IIID GGGIAM MARTI
2111.03.08e	A	21XXT003	MOS TRAINING / ITS / RECORDS
2111.03.006	A	21XXT013	MID COURSE EXAM
	A	ZIANIUIJ	MID COOKDE BARM
2111 02 00#	7.	21 ₩₩₩002	MOC TENTATAC / TTC / DECOPES
2111.03.08f	A	21XXT003	
	A	21XXT013	MID COURSE EXAM
0111 02 00	_	01377770000	MOG MDATNING / IMG / DECORDS
2111.03.08g	A	21XXT003	
	A	21XXT013	MID COURSE EXAM



SECTION IV - CONCEPT CARDS

LO	ANNEX	LESSON ID	LESSON TITLE
2111.03.08h	A A	21XXT004 21XXT013	DESKTOP / TURNOVER PROCEDURES MID COURSE EXAM
2111.03.08i	A A	21XXT004 21XXT013	DESKTOP / TURNOVER PROCEDURES MID COURSE EXAM
2111.03.08j	A A	21XXT004 21XXT013	DESKTOP / TURNOVER PROCEDURES MID COURSE EXAM
2111.03.08k	A A	21XXT004 21XXT013	DESKTOP / TURNOVER PROCEDURES MID COURSE EXAM
2111.03.081	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08m	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08n	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.080	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08p	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
2111.03.08q	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08r	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08s	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08t	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08u	A	21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)
	A	21XXT013	MID COURSE EXAM
2111.03.08v	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM



SECTION IV - CONCEPT CARDS

LO	ANNEX	LESSON ID	LESSON TITLE
2111.03.08w	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08x	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08y	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08z	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08aa	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08ab	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08ac	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08ad	A	21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL
	A	21XXT013	MID COURSE EXAM
2111.03.08ag	A A	21XXT009 21XXT013	MODIFICATIONS MID COURSE EXAM
	A	2111113	MID COURSE EAAM
2111.03.08ah	A A	21XXT009 21XXT013	MODIFICATIONS MID COURSE EXAM
2111.03.08ai	A	21XXT009	MODIFICATIONS
	A	21XXT013	MID COURSE EXAM
2111.03.08aj	A A	21XXT009 21XXT013	MODIFICATIONS MID COURSE EXAM
2111.03.08ak	A	21XXT009	
	A	21XXT013	MID COURSE EXAM
2111.03.08ao	A A	21XXT006 21XXT013	PRODUCT QUALITY DEFICIENCY REPORT (PQDR) MID COURSE EXAM
2111.03.08ap	A	21XXT006	PRODUCT QUALITY DEFICIENCY REPORT (PQDR)
	A	21XXT013	MID COURSE EXAM
2111.03.08aq	A A	21XXT006 21XXT013	PRODUCT QUALITY DEFICIENCY REPORT (PQDR) MID COURSE EXAM



SECTION IV - CONCEPT CARDS

LO	ANNEX	LESSON ID	LESSON_TITLE
2111.03.08ar	A A	21XXT006 21XXT013	PRODUCT QUALITY DEFICIENCY REPORT (PQDR) MID COURSE EXAM
2111.03.08as	A A	21XXT006 21XXT013	PRODUCT QUALITY DEFICIENCY REPORT (PQDR) MID COURSE EXAM
2111.03.08au		21XXT006 21XXT013	PRODUCT QUALITY DEFICIENCY REPORT (PQDR) MID COURSE EXAM
2111.03.08av	A A		INSPECTIONS / VISITS END OF COURSE TEST
2111.03.08aw	A A		INSPECTIONS / VISITS END OF COURSE TEST
2111.03.08ax	A A	21XXTS04 21XXTS11	INSPECTIONS / VISITS END OF COURSE TEST
2111.03.08ay	A A		INSPECTIONS / VISITS END OF COURSE TEST
2111.03.08az	A A	21XXTS04 21XXTS11	INSPECTIONS / VISITS END OF COURSE TEST
2111.03.08ba	A A		INSPECTIONS / VISITS END OF COURSE TEST
2111.03.08bd	A A		RASP / LASER END OF COURSE TEST
2111.03.08be	A A		RASP / LASER END OF COURSE TEST
2111.03.08bf	A A		RASP / LASER END OF COURSE TEST
2111.03.08bg	A A		RASP / LASER END OF COURSE TEST
2111.03.08bi			RASP / LASER END OF COURSE TEST
2111.03.08bj	A A	21XXTS02 21XXTS11	RASP / LASER END OF COURSE TEST
2111.03.08bk			RASP / LASER END OF COURSE TEST
2111.03.08bq	A A	21XXTS06 21XXTS11	ARMORY PROCEDURES END OF COURSE TEST
2111.03.08br	A	21XXTS06	ARMORY PROCEDURES END OF COURSE TEST
2111.03.08bs			ARMORY PROCEDURES



SECTION IV - CONCEPT CARDS

LO	ANNEX	LESSON ID	LESSON TITLE
	A	21XXTS11	END OF COURSE TEST
2111.03.08bt	A A	21XXTS06 21XXTS11	
2111.03.08bu	A A		
2111.03.08bv	A A	21XXTS08 21XXTS11	WEAPON'S RECORD BOOK END OF COURSE TEST
2111.03.08bw	A A	21XXTS08 21XXTS11	
2111.03.08bx	A A	21XXTS08 21XXTS11	WEAPON'S RECORD BOOK END OF COURSE TEST
2111.03.08by	A A		
2111.03.08bz	A A	21XXTS09 21XXTS11	MISSILE RECORD JACKETS END OF COURSE TEST
2111.03.08ca	A A		
2111.03.08cb	A A	21XXT001 21XXT013	TABLE OF ORGANIZATION & EQUIPMENT (T/O&E) MID COURSE EXAM
2111.03.08cc	A A		
2111.03.08cd	A A	21XXT001 21XXT013	TABLE OF ORGANIZATION & EQUIPMENT (T/O&E) MID COURSE EXAM
2111.03.08ce	A A	21XXT001 21XXT013	
2111.03.08cf	A	21XXT001	TABLE OF ORGANIZATION & EQUIPMENT (T/O&E)
2111.03.08cg	A A	21XXT001 21XXT013	TABLE OF ORGANIZATION & EQUIPMENT (T/O&E) MID COURSE EXAM
2111.03.08ch	A A	21XXT001 21XXT013	
2111.03.08ci	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST
2111.03.08cj	A A	21XXTS01 21XXTS11	
2111.03.08ck	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST



SECTION IV - CONCEPT CARDS

LO	ANNEX	LESSON ID	LESSON_TITLE
2111.03.08cl	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST
2111.03.08cm	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST
2111.03.08cn	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST
2111.03.08co	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST
2111.03.08cp	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST
2111.03.08cq	A A	21XXTS01 21XXTS11	RECOVERABLE ITEMS END OF COURSE TEST
2111.03.09	A A A	21XXT005 21XXT011 21XXT013	MAINTENANCE ADMINISTRATION
2111.03.09a	A	21XXT011	MAINTENANCE ADMINISTRATION
2111.03.09c	A	21XXT011	MAINTENANCE ADMINISTRATION
2111.03.09d	A	21XXT011	MAINTENANCE ADMINISTRATION
2111.03.09e	A	21XXT011	MAINTENANCE ADMINISTRATION
2111.03.09f	A	21XXT011	MAINTENANCE ADMINISTRATION
2111.03.09g	A	21XXT011	MAINTENANCE ADMINISTRATION
2111.03.09h	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09i	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09j	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09k	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.091	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09m	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09n	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.090	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09p	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09q	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.09r	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK



SECTION IV - CONCEPT CARDS

LO	ANNEX	LESSON ID	LESSON TITLE
2111.03.09s	A	21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK
2111.03.10	A A	21XXT002 21XXT013	PUBLICATIONS MID COURSE EXAM
2111.03.10a	A	21XXT002	PUBLICATIONS
2111.03.10b	A	21XXT002	PUBLICATIONS
2111.03.10c	A	21XXT002	PUBLICATIONS
2111.03.10d	A	21XXT002	PUBLICATIONS
2111.03.10e	A	21XXT002	PUBLICATIONS
2111.03.10f	A	21XXT002	PUBLICATIONS
2111.03.10g	A	21XXT002	PUBLICATIONS
2111.03.10h	A	21XXT002	PUBLICATIONS
2111.03.10i	A	21XXT002	PUBLICATIONS
2111.03.11	A A	21XXT010 21XXT013	OPERATIONAL RISK MANAGEMENT MID COURSE EXAM
2111.03.11a	A	21XXT010	OPERATIONAL RISK MANAGEMENT
2111.03.11b	A	21XXT010	OPERATIONAL RISK MANAGEMENT
2111.03.11c	A	21XXT010	OPERATIONAL RISK MANAGEMENT
2111.03.11d	A	21XXT010	OPERATIONAL RISK MANAGEMENT



SECTION IV - CONCEPT CARDS

ACADEMIC SUMMARY

IDENTIFIER	TITLE	HRS	TYPE
ANNEX A - GROUN	D ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE		
21XXT001	TABLE OF ORGANIZATION & EQUIPMENT (T/O&E)	2.00	T
21XXT002	PUBLICATIONS	10.50	T
21XXT003	MOS TRAINING / ITS / RECORDS	2.00	T
21XXT004	DESKTOP / TURNOVER PROCEDURES	1.50	T
21XXT005	SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK	3.00	T
21XXT006	PRODUCT QUALITY DEFICIENCY REPORT (PQDR)	1.50	T
21XXT007	SUPPORT EQUIPMENT / TEST MEASUREMENT AND	2.50	T
	DIAGNOSTIC EQUIPMENT (TMDE)		
21XXT008	PREVENTATIVE MAINTENANCE / CORRECTIVE	2.00	T
	MAINTENANCE / QUALITY CONTROL		
21XXT009	MODIFICATIONS	2.00	T
21XXT010	OPERATIONAL RISK MANAGEMENT	2.00	T
21XXT011	MAINTENANCE ADMINISTRATION	3.50	T
21XXT012	PC MIMMS	4.00	LP
21XXT013	MID COURSE EXAM	3.00	E
21XXTS01	RECOVERABLE ITEMS	2.00	T
21XXTS02	RASP / LASER	1.50	T
21XXTS03	MILITARY INCENTIVE AWARDS PROGRAM	1.00	LP
21XXTS04	INSPECTIONS / VISITS	2.00	T
21XXTS05	DEPLOYMENTS / UDP / FLOAT	1.00	LP
21XXTS06	ARMORY PROCEDURES	2.00	T
21XXTS07	PHYSICAL SECURITY	4.00	T
21XXTS08	WEAPON'S RECORD BOOK	1.50	T
21XXTS09	MISSILE RECORD JACKETS	1.50	T
21XXTS10	INTRODUCTION TO NEW EQUIPMENT AND TECHNIQUES	7.00	LP
21XXTS11	END OF COURSE TEST	4.00	E

Annex Total: 67.00

Total Academic Hours: 67.00



SECTION IV - CONCEPT CARDS

ADMINISTRATIVE SUMMARY

IDENTIFIER	TITLE	HRS	TYPE
ANNEX Z - ADMIN	ISTRATIVE		
21XXZ001 21XXZ002	ADMIN CHECK IN / COURSE CONTENT / INTRODUCTION GRADUATION / CHECK OUT	2.00 3.00	ADM ADM

Total Administrative Hours : 5.00

Total POI Hours: 72.00



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT001 HOURS: 2.00

TITLE: TABLE OF ORGANIZATION & EQUIPMENT (T/O&E)

METHOD	HOURS	S:I RATIO
L	1.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- Given applicable resources, identify references for T/O&E, in accordance with the references. (2111.03.08cb)
- 2. Given applicable resources, identify what gives a command authority to hold and use resources, in accordance with the references. (2111.03.08cc)
- 3. Given applicable resources, use TFS website to locate T/O&E for specific commands, in accordance with the references. (2111.03.08cd)
- 4. Given applicable resources, use T/O&E to identify unit capabilities, in accordance with the references. (2111.03.08ce)
- 5. Given applicable resources, identify the columns of information on the T/O&E, in accordance with the references. (2111.03.08cf)
- 6. Given applicable resources, identify procedures for submitting T/O&E change request, in accordance with the references. (2111.03.08cg)
- 7. Given applicable resources, identify the three manning levels/priorities, in accordance with the references. (2111.03.08ch)

NOTE(S):

Students will access TFS website www.mccdc.usmc.mil/tfs. Website is controled access and requires a user name and password. Instructor will have to access website two weeks prior to class and request user name and password. Instructor will provide user name and password so students can utilize website.

REFERENCE #

1. Total Force Structure Process MCO 5311.1C



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT001 HOURS: 2.00

TITLE: TABLE OF ORGANIZATION & EQUIPMENT (T/O&E)

2. Staffing procedures for officer and enlisted T/O billets MCO 5320.12D

3. MIMMS Field Procedures Manual MCO P4790.2C



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT002 HOURS: 10.50

TITLE: PUBLICATIONS

METHOD	HOURS	S:I RATIO
T.	7.00	20:1
PA	3.50	20:1
PA	3.30	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain publication and directives program, in accordance with the references. (2111.03.10)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify publication references, in accordance with the references. (2111.03.10a)
- Given applicable resources, utilize MCPEL CD, in accordance with the references. (2111.03.10b)
- 3. Given applicable resources, utilize USMC web site to find publications, in accordance with the references. (2111.03.10c)
- 4. Given applicable resources, identify publication requirements based on mission and the TO/E, in accordance with the references. (2111.03.10d)
- 5. Given applicable resources, utilize PLMS to conduct quarterly reconciliation, in accordance with the references. (2111.03.10e)
- 6. Given applicable resources, identify types of inventories, in accordance with the references. (2111.03.10f)
- 7. Given applicable resources, identify non-technical publication requirements, in accordance with the references. (2111.03.10g)
- 8. Given applicable resources, identify process to order publications, in accordance with the references. (2111.03.10h)
- 9. Given applicable resources, add required changes to publications, in accordance with the references. (2111.03.10i)

NOTE(S):

MCAIMS

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT002 HOURS: 10.50

TITLE: PUBLICATIONS

Access Total Force Structure (TFS) WEBSITE http://www.mccdc.usmc.mil/TFS/enter_site

Access Albany WEBSITE WWW.ALA.USMC.MIL

Using the NAVMC 2761, you have 20 minutes to complete this practical application by filling in the missing information.

REFERENCE	REFERENCE #
1. MIMMS Field Procedures Manual	MCO 4790.2
2. USMC Technical Publications System	MCO P5215.17
3. Marine Corps Publication and Printing Regulations	MCO P5600.31
4. Catalog of Publications	NAVMC 2761
5. Index of Authorized Publications for Equipment Support	SL 1-2
6. Index of Authorized Publications for Equipment Support	SL 1-3
7. Publication Information for Marine Corps Equipment	TI 5600
8. Publication Library Management System	UM-PLMS



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT003 HOURS: 2.00

TITLE: MOS TRAINING / ITS / RECORDS

METHOD	HOURS	S:I RATIO
L	1.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, define the purpose of a training program, in accordance with the references. (2111.03.08a)
- 2. Given applicable resources, identify training references, in accordance with the references. (2111.03.08b)
- 3. Given applicable resources, define the components of an ITS, in accordance with the references. (2111.03.08c)
- 4. Given applicable resources, identify types of training schedules, in accordance with the references. (2111.03.08d)
- 5. Given applicable resources, establish a training schedule/priorities, in accordance with the references. (2111.03.08e)
- 6. Given applicable resources, establish individual training records jackets, in accordance with the references. (2111.03.08f)
- 7. Given applicable resources, implement a unit training plan, in accordance with the references. (2111.03.08g)

NOTE(S):

There is a 10 question quiz given in conjunction with this class.

REFERENCE #

1. MIMMS Field Procedures Manual MCO P4790.2C

2. Ground Equipment Record Procedures TM 4700-15/1H

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT003 HOURS: 2.00

TITLE: MOS TRAINING / ITS / RECORDS

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT004 HOURS: 1.50

TITLE: DESKTOP / TURNOVER PROCEDURES

METHOD	HOURS	S:I RATIO
_		
L	0.50	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify references that establish procedures for desk top / turnover folders, in accordance with the references. (2111.03.08h)
- 2. Given applicable resources, identify requirements for desktop procedures, in accordance with the references. (2111.03.08i)
- 3. Given applicable resources, identify requirements for a turnover folder, in accordance with the references. (2111.03.08j)
- 4. Given applicable resources, develop an outline for a desktop, in accordance with the references. (2111.03.08k)

NOTE(S):

Students will develop an outline for a desktop during practical application.

REFERENCE #

1. MIMMS Field Procedures Manual MCO P4790.2C



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT005 HOURS: 3.00

TITLE: SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK

METHOD	HOURS	S:I RATIO
L	2.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain maintenance transaction reports, in accordance with the references. (2111.03.09)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, define the purpose of the PEB, in accordance with the references. (2111.03.09h)
- 2. Given applicable resources, identify procedures to account for broken units of issue, in accordance with the references. (2111.03.09i)
- 3. Given applicable resources, define the purpose of shop overhead materials, in accordance with the references. (2111.03.09j)
- 4. Given applicable resources, define the purpose of layette bins, in accordance with the references. (2111.03.09k)
- 5. Given applicable resources, identify the steps required to manage layette bins, in accordance with the references. (2111.03.091)
- 6. Given applicable resources, use FEDLOG program to research repair parts, in accordance with the references. (2111.03.09m)
- 7. Given applicable resources, define the purpose of a supply deficiency report, in accordance with the references. (2111.03.09n)
- 8. Given applicable resources, identify validation/reconciliation process with supporting commodities, in accordance with the references. (2111.03.09o)
- Given applicable resources, use the ERO's demand list (EDL) during the validation/reconciliation process, in accordance with the references. (2111.03.09p)
- 10. Given applicable resources, identify the components of a CMR, in accordance with

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT005 HOURS: 3.00

TITLE: SHOP SUPPLY / DEFENSE LOGISTICS AGENCY HANDBOOK

the references. (2111.03.09q)

- 11. Given applicable resources, utilize the DLA handbook, in accordance with the references. (2111.03.09r)
- 12. Given applicable resources, order parts using the DLA emergency supply operations center (ESOC), in accordance with the references. (2111.03.09s)

REFERENCE	REFERENCE #
1. Uniform Materiel Movement and Issue Priority System	MCO 4400.16_
2. MIMMS Field Procedures Manual	MCO 4790.2
3. Radioactive Commodities DOD SYS	MCO P4400.105
4. Ground Equipment Record Procedures	TM 4700-15/1H
5. FMF SASSY Using Unit Procedures	UM 4400.124
6. MIMMS AIS Field Maintenance Procedures	UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT006 HOURS: 1.50

TITLE: PRODUCT QUALITY DEFICIENCY REPORT (PQDR)

METHOD	HOURS	S:I RATIO
L	1.00	20:1
ь	1.00	20:1
PA	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify the references for completing PQDR's, in accordance with the references. (2111.03.08ao)
- 2. Given applicable resources, define the purpose of the PQDR program, in accordance with the references. (2111.03.08ap)
- 3. Given applicable resources, identify procedures of PQDR, in accordance with the references. (2111.03.08aq)
- 4. Given applicable resources, identify the categories of PQDR, in accordance with the references. (2111.03.08ar)
- 5. Given applicable resources, complete PQDR forms, in accordance with the references. (2111.03.08as)
- 6. Given applicable resources, utilize the PQDR web site, in accordance with the references. (2111.03.08au)

NOTE(S):

Students will access WEBSITE http://notes.ala.usmc.mil/pqdrs/default.asp

REFERENCE	REFERENCE #
1. Applicable Equipment Modification Instruction	APPLICABLE MI
2. Product Quality Deficiency Report (PQDR)	MCO 4855.10
3. MIMMS Field Procedures Manual	MCO P4790.2C



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT007 HOURS: 2.50

TITLE: SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)

METHOD	HOURS	S:I RATIO
_	1 50	00.1
L	1.50	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify tool control references, in accordance with the references. (2111.03.081)
- 2. Given applicable resources, define the types of calibration, in accordance with the references. (2111.03.08m)
- 3. Given applicable resources, complete calibration control records, in accordance with the references. (2111.03.08n)
- 4. Given applicable resources, define the purpose for the IWGCP program, in accordance with the references. (2111.03.08o)
- 5. Given applicable resources, use the IWGCP WEB site to track gages in the program, in accordance with the references. (2111.03.08p)
- 6. Given applicable resources, identify when inventories are required for support equipment, in accordance with the references. (2111.03.08q)
- 7. Given applicable resources, use equipment SL-3 to identify components, in accordance with the references. (2111.03.08r)
- 8. Given applicable resources, determine procedures to account for as required items, in accordance with the references. (2111.03.08s)
- 9. Given applicable resources, determine procedures to account for special tool requirements, in accordance with the references. (2111.03.08t)
- 10. Given applicable resources, document SL-3 inventories, in accordance with the references. (2111.03.08u)



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT007 HOURS: 2.50

TITLE: SUPPORT EQUIPMENT / TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT (TMDE)

NOTE(S):

Students will access WEBSITE: https://tmde.matcom.usmc.mil/tmde

REFERENCE	REFERENCE #
1. Applicable Equipment Modification Instruction	APPLICABLE MI
2. Radioactive Commodities DOD SYS	MCO P4400.105
3. MIMMS Field Procedures Manual	MCO P4790.2C
4. Calibration Requirements USMC TMDE CAMP	TI 4733-15/1
5. Infantry Weapons Guage Calibration Exchange Program	TI 4733-15/11
6. Ground Equipment Record Procedures	TM 4700-15/1H
7. FMF SASSY Using Unit Procedures	UM 4400.124
8. MIMMS AIS Field Maintenance Procedures	UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT008 HOURS: 2.00

TITLE: PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL

METHOD	HOURS	S:I RATIO
L	1.25	20:1
PA	0.75	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, define the purpose of PM, in accordance with the references. (2111.03.08v)
- 2. Given applicable resources, identify the types of PM, in accordance with the references. (2111.03.08w)
- 3. Given applicable resources, properly complete PM roster, in accordance with the references. (2111.03.08x)
- 4. Given applicable resources, identify when publications can be deferred, in accordance with the references. (2111.03.08y)
- 5. Given applicable resources, define the purpose of CM, in accordance with the references. (2111.03.08z)
- 6. Given applicable resources, identify maximum repair cycle times for end items and secondary repairable, in accordance with the references. (2111.03.08aa)
- 7. Given applicable resources, define the purpose of quality control procedures, in accordance with the references. (2111.03.08ab)
- 8. Given applicable resources, identify who can conduct equipment check out for QC purposes, in accordance with the references. (2111.03.08ac)
- 9. Given applicable resources, identify when overflow maintenance may be utilized, in accordance with the references. (2111.03.08ad)

NOTE(S):

MCAIMS 2000 +3.5

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT008 HOURS: 2.00

TITLE: PREVENTATIVE MAINTENANCE / CORRECTIVE MAINTENANCE / QUALITY CONTROL

This class will have a 15 question quiz.

REFERENCE #

1. MIMMS Field Procedures Manual MCO P4790.2C

2. Ground Equipment Record Procedures TM 4700-15/1H



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT009 HOURS: 2.00

TITLE: MODIFICATIONS

METHOD	HOURS	S:I RATIO
L	1.25	20:1
PA	0.75	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify modification procedures, in accordance with the references. (2111.03.08ag)
- 2. Given applicable resources, identify equipment requiring modifications, in accordance with the references. (2111.03.08ah)
- 3. Given applicable resources, define types of modifications, in accordance with the references. (2111.03.08ai)
- 4. Given applicable resources, complete modifications forms, in accordance with the references. (2111.03.08aj)
- 5. Given applicable resources, verify a modification application, in accordance with the references. (2111.03.08ak)

NOTE(S):

This class will have a 10 question quiz.

REFERENCE	REFERENCE #
1. Applicable Equipment Modification Instruction	APPLICABLE MI
2. MIMMS Field Procedures Manual	MCO P4790.2C
3. Index of Authorized Publications for Equipment Support	SL 1-2
4. Publication Information for Marine Corps Equipment	TI 5600
5. Ground Equipment Record Procedures	TM 4700-15/1H



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT010 HOURS: 2.00

TITLE: OPERATIONAL RISK MANAGEMENT

METHOD	HOURS	S:I RATIO
T.	0.50	20:1
PA	1.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, comply with operational risk management (ORM) policies and procedures, in accordance with the references. (2111.03.11)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify ORM references, in accordance with the references. (2111.03.11a)
- 2. Given applicable resources, identify the definitions associated to ORM, in accordance with the references. (2111.03.11b)
- 3. Given applicable resources, identify method for assigning risk assessment codes, in accordance with the references. (2111.03.11c)
- 4. Given applicable resources, utilize risk assessment codes to reduce mission hazards, in accordance with the references. (2111.03.11d)

NOTE(S):

Students will take an on-line tutorial from the Naval Air Forces Safety Office and receive a completion certificate for passing ORM fundamentals. Students will then be shown how to apply ORM in normal shop working environments.

REFERENCE	REFERENCE #
1. Occupational Safety and Health Standards, Hazard Communication	29 CFR 1910.1200
2. Hazardous Material Regulations	49 CFR 172.704(A)(1)
3. Applicable Equipment Modification Instruction	APPLICABLE MI
4. Operational Risk Management	MCO 3500.27A
5. Marine Corps Ground Occupational Safety and Health Program	MCO 5100.8
6. Consumer Level Supply Policy Manual	MCO P4400.150
7. MIMMS Field Procedures Manual	MCO P4790.2C



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT010 HOURS: 2.00

TITLE: OPERATIONAL RISK MANAGEMENT

8. Infantry Weapons Guage Calibration Exchange Program	TI 4733-15/11
9. Ground Equipment Record Procedures	TM 4700-15/1H
10. FMF SASSY Using Unit Procedures	UM 4400.124
11. MIMMS AIS Field Maintenance Procedures	UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT011 HOURS: 3.50

TITLE: MAINTENANCE ADMINISTRATION

METHOD	HOURS	S:I RATIO
L	1.50	20:1
PA	2.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain maintenance transaction reports, in accordance with the references. (2111.03.09)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify MIMMS references, in accordance with the references. (2111.03.09a)
- 2. Given applicable resources, interpret output reports (DPR, DTL, LM2, TAM, exceptions, EDL), in accordance with the references. (2111.03.09c)
- 3. Given applicable resources, submit changes to output reports, in accordance with the references. (2111.03.09d)
- 4. Given applicable resources, identify elements of an ERO tub file, in accordance with the references. (2111.03.09e)
- 5. Given applicable resources, identify problems requiring reconciliation, in accordance with the references. (2111.03.09f)
- 6. Given applicable resources, conduct a validation/reconciliation, in accordance with the references. (2111.03.09g)

REFERENCE	REFERENCE #
1. Uniform Materiel Movement and Issue Priority System	MCO 4400.16_
2. MIMMS Field Procedures Manual	MCO 4790.2
3. Radioactive Commodities DOD SYS	MCO P4400.105
4. Ground Equipment Record Procedures	TM 4700-15/1H
5. FMF SASSY Using Unit Procedures	UM 4400.124
6. MIMMS AIS Field Maintenance Procedures	UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT011 HOURS: 3.50

TITLE: MAINTENANCE ADMINISTRATION



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXT012 HOURS: 4.00

TITLE: PC MIMMS

METHOD	HOURS	S:I RATIO
CBT	3.00	20:1
L	1.00	20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

This lesson is to familiarize the student with the PC MIMMS program and will be taught in conjunction with 21XXT011.



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

EXAM ID: 21XXT013 HOURS: 3.00

TITLE: MID COURSE EXAM

 METHOD
 HOURS
 S:I RATIO

 X(W)
 3.00
 20:1

MEDIA: HO

TERMINAL LEARNING OBJECTIVE(S):

- 1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)
- 2. Given applicable resources, maintain maintenance transaction reports, in accordance with the references. (2111.03.09)
- 3. Given applicable resources, maintain publication and directives program, in accordance with the references. (2111.03.10)
- 4. Given applicable resources, comply with operational risk management (ORM) policies and procedures, in accordance with the references. (2111.03.11)

ENABLING LEARNING OBJECTIVE(S):

- Given applicable resources, identify references for T/O&E, in accordance with the references. (2111.03.08cb)
- 2. Given applicable resources, identify what gives a command authority to hold and use resources, in accordance with the references. (2111.03.08cc)
- 3. Given applicable resources, use TFS website to locate T/O&E for specific commands, in accordance with the references. (2111.03.08cd)
- Given applicable resources, use T/O&E to identify unit capabilities, in accordance with the references. (2111.03.08ce)
- 5. Given applicable resources, identify procedures for submitting T/O&E change request, in accordance with the references. (2111.03.08cg)
- 6. Given applicable resources, identify the three manning levels/priorities, in accordance with the references. (2111.03.08ch)
- 7. Given applicable resources, define the purpose of a training program, in accordance with the references. (2111.03.08a)
- 8. Given applicable resources, identify training references, in accordance with the references. (2111.03.08b)



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

EXAM ID: 21XXT013 HOURS: 3.00

TITLE: MID COURSE EXAM

- 9. Given applicable resources, define the components of an ITS, in accordance with the references. (2111.03.08c)
- Given applicable resources, identify types of training schedules, in accordance with the references. (2111.03.08d)
- 11. Given applicable resources, establish a training schedule/priorities, in accordance with the references. (2111.03.08e)
- 12. Given applicable resources, establish individual training records jackets, in accordance with the references. (2111.03.08f)
- 13. Given applicable resources, implement a unit training plan, in accordance with the references. (2111.03.08g)
- 14. Given applicable resources, identify references that establish procedures for desk top / turnover folders, in accordance with the references. (2111.03.08h)
- 15. Given applicable resources, identify requirements for desktop procedures, in accordance with the references. (2111.03.08i)
- 16. Given applicable resources, identify requirements for a turnover folder, in accordance with the references. (2111.03.08j)
- 17. Given applicable resources, develop an outline for a desktop, in accordance with the references. (2111.03.08k)
- 18. Given applicable resources, identify the references for completing PQDR's, in accordance with the references. (2111.03.08ao)
- 19. Given applicable resources, define the purpose of the PQDR program, in accordance with the references. (2111.03.08ap)
- 20. Given applicable resources, identify procedures of PQDR, in accordance with the references. (2111.03.08aq)
- 21. Given applicable resources, identify the categories of PQDR, in accordance with the references. (2111.03.08ar)
- 22. Given applicable resources, complete PQDR forms, in accordance with the references.

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

EXAM ID: 21XXT013 HOURS: 3.00

TITLE: MID COURSE EXAM

(2111.03.08as)

- 23. Given applicable resources, utilize the PQDR web site, in accordance with the references. (2111.03.08au)
- 24. Given applicable resources, identify tool control references, in accordance with the references. (2111.03.081)
- 25. Given applicable resources, define the types of calibration, in accordance with the references. (2111.03.08m)
- 26. Given applicable resources, complete calibration control records, in accordance with the references. (2111.03.08n)
- 27. Given applicable resources, define the purpose for the IWGCP program, in accordance with the references. (2111.03.08o)
- 28. Given applicable resources, identify when inventories are required for support equipment, in accordance with the references. (2111.03.08q)
- 29. Given applicable resources, use equipment SL-3 to identify components, in accordance with the references. (2111.03.08r)
- 30. Given applicable resources, determine procedures to account for as required items, in accordance with the references. (2111.03.08s)
- 31. Given applicable resources, determine procedures to account for special tool requirements, in accordance with the references. (2111.03.08t)
- 32. Given applicable resources, document SL-3 inventories, in accordance with the references. (2111.03.08u)
- 33. Given applicable resources, define the purpose of PM, in accordance with the references. (2111.03.08v)
- 34. Given applicable resources, identify the types of PM, in accordance with the references. (2111.03.08w)
- 35. Given applicable resources, properly complete PM roster, in accordance with the references. (2111.03.08x)



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

EXAM ID: 21XXT013 HOURS: 3.00

TITLE: MID COURSE EXAM

- 36. Given applicable resources, identify when publications can be deferred, in accordance with the references. (2111.03.08y)
- 37. Given applicable resources, define the purpose of CM, in accordance with the references. (2111.03.08z)
- 38. Given applicable resources, identify maximum repair cycle times for end items and secondary repairable, in accordance with the references. (2111.03.08aa)
- 39. Given applicable resources, define the purpose of quality control procedures, in accordance with the references. (2111.03.08ab)
- 40. Given applicable resources, identify who can conduct equipment check out for QC purposes, in accordance with the references. (2111.03.08ac)
- 41. Given applicable resources, identify when overflow maintenance may be utilized, in accordance with the references. (2111.03.08ad)
- 42. Given applicable resources, identify modification procedures, in accordance with the references. (2111.03.08ag)
- 43. Given applicable resources, identify equipment requiring modifications, in accordance with the references. (2111.03.08ah)
- 44. Given applicable resources, define types of modifications, in accordance with the references. (2111.03.08ai)
- 45. Given applicable resources, complete modifications forms, in accordance with the references. (2111.03.08aj)
- 46. Given applicable resources, verify a modification application, in accordance with the references. (2111.03.08ak)

REFERENCE	REFERENCE #
1. Applicable Equipment Modification Instruction	APPLICABLE MI
2. Uniform Materiel Movement and Issue Priority System	MCO 4400.16_
3. MIMMS Field Procedures Manual	MCO 4790.2
4. Radioactive Commodities DOD SYS	MCO P4400.105



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

EXAM ID: 21XXT013 HOURS: 3.00

TITLE: MID COURSE EXAM

5.	MIMMS Field Procedures Manual	MCO P4790.2C
6.	USMC Technical Publications System	MCO P5215.17
7.	Marine Corps Publication and Printing Regulations	MCO P5600.31
8.	Catalog of Publications	NAVMC 2761
9.	Index of Authorized Publications for Equipment Support	SL 1-2
10.	Index of Authorized Publications for Equipment Support	SL 1-3
11.	Calibration Requirements USMC TMDE CAMP	TI 4733-15/1
12.	Infantry Weapons Guage Calibration Exchange Program	TI 4733-15/11
13.	Publication Information for Marine Corps Equipment	TI 5600
14.	Ground Equipment Record Procedures	TM 4700-15/1H
15.	FMF SASSY Using Unit Procedures	UM 4400.124
16.	MIMMS AIS Field Maintenance Procedures	UM 4790-5
17.	Publication Library Management System	UM-PLMS



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS01 HOURS: 2.00

TITLE: RECOVERABLE ITEMS

METHOD	HOURS	S:I RATIO
-	1 50	20.1
L	1.50	20:1
PA	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, define the purpose of the recoverable items program, in accordance with the references. (2111.03.08ci)
- 2. Given applicable resources, identify the procedures for the recoverable items program, in accordance with the references. (2111.03.08cj)
- Given applicable resources, identify the procedures to establish the criteria and principles for economical repair, in accordance with the references. (2111.03.08ck)
- 4. Given applicable resources, identify WIR process for end items, in accordance with the references. (2111.03.08cl)
- 5. Given applicable resources, identify WIR process for secondary repairable, in accordance with the references. (2111.03.08cm)
- 6. Given applicable resources, identify WIR process for small arms, in accordance with the references. (2111.03.08cn)
- 7. Given applicable resources, define the purpose of the WOLPH system, in accordance with the references. (2111.03.08co)
- Given applicable resources, identify auto return / retrograde procedures, in accordance with the references. (2111.03.08cp)
- 9. Given applicable resources, utilize WOLPH program to process WIR's, in accordance with the references. (2111.03.08cg)

NOTE(S):

MCAIMS 2000 +3.5

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS01 HOURS: 2.00

TITLE: RECOVERABLE ITEMS

This class will have a 10 question quiz.

REFERENCE	REFERENCE #
1. Applicable Equipment Modification Instruction	APPLICABLE MI
Reporting Missing, Lost, Stolen, or Recovered (MLSR) Government Property	MCO 4340.1
3. Consumer Level Policy Manual	MCO 4400.150
4. Radioactive Commodities DOD SYS	MCO P4400.105
5. MIMMS Field Procedures Manual	MCO P4790.2C
6. Calibration Requirements USMC TMDE CAMP	TI 4733-15/1
7. Infantry Weapons Guage Calibration Exchange Program	TI 4733-15/11
8. Ground Equipment Record Procedures	TM 4700-15/1H
9. FMF SASSY Using Unit Procedures	UM 4400.124
10. MIMMS AIS Field Maintenance Procedures	UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS02 HOURS: 1.50

TITLE: RASP / LASER

METHOD	HOURS	S:I RATIO
L	1.00	20:1
PA	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify LASER/radiation references, in accordance with the references. (2111.03.08bd)
- Given applicable resources, identify LASER equipment, in accordance with the references. (2111.03.08be)
- 3. Given applicable resources, identify equipment with radioactive material, in accordance with the references. (2111.03.08bf)
- 4. Given applicable resources, identify classifications of LASERs, in accordance with the references. (2111.03.08bg)
- 5. Given applicable resources, identify inventory requirements for military exempt and class 3b and 4 LASERs, in accordance with the references. (2111.03.08bi)
- 6. Given applicable resources, conduct emergency procedures for a LASER incident, in accordance with the references. (2111.03.08bj)
- 7. Given applicable resources, conduct emergency procedures for radioactive material incident, in accordance with the references. (2111.03.08bk)

NOTE(S):

Students will use the following WEBSITES:
Navy and Marine Corps Laser Safety http://www.nswc.navy.mil/safety/laser/
NAVOSHENVTRACEN WEBSITE http://www.norva.navy.mil/navosh

REFERENCE #

1. Applicable Equipment Modification Instruction APPLICABLE MI



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS02 HOURS: 1.50

TITLE: RASP / LASER

2. MIMMS Field Procedures Manual	MCO 4790.2
3. Marine Corps Radiation Safety Program	MCO 5014.3
4. Marine Corps Ground Occupational Safety and Health Program	MCO 5100.8
5. Radioactive Commodities DOD SYS	MCO P4400.105
6. MIMMS Field Procedures Manual	MCO P4790.2C
7. Radiation Safety	NAVSEATM-50420-AA
8. Naval Radiological Safety Program	NAVSEATM-50420-AA-RA
9. Controls of Hazards to Health from Laser Radiation	TB MED 524
10. Calibration Requirements USMC TMDE CAMP	TI 4733-15/1
11. Infantry Weapons Guage Calibration Exchange Program	TI 4733-15/11
12. Special Handling Tritium Fire Control	TI 5104-15/2
13. Ground Equipment Record Procedures	TM 4700-15/1H
14. FMF SASSY Using Unit Procedures	UM 4400.124
15. MIMMS AIS Field Maintenance Procedures	UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS03 HOURS: 1.00

TITLE: MILITARY INCENTIVE AWARDS PROGRAM

METHOD HOURS S:I RATIO

L 1.00 20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

Students will identify the purpose of the military incentive awards program and be able to initiate a beneficial suggestion through the program.

REFERENCE #

1. Marine Corps Military Incentive Awards Program MCO 1650.17_



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS04 HOURS: 2.00

TITLE: INSPECTIONS / VISITS

METHOD	HOURS	S:I RATIO
L	1.50	20:1
PA	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify the characteristics of an inspection, in accordance with the references. (2111.03.08av)
- 2. Given applicable resources, identify the types of inspections, in accordance with the references. (2111.03.08aw)
- 3. Given applicable resources, identify characteristics of a visit, in accordance with the references. (2111.03.08ax)
- 4. Given applicable resources, identify the types of visits, in accordance with the references. (2111.03.08ay)
- 5. Given applicable resources, identify AIRS checklist, in accordance with the references. (2111.03.08az)
- 6. Given applicable resources, utilize AIRS checklist to conduct an inspection, in accordance with the references. (2111.03.08ba)

NOTE(S):

This class will have a 10 question quiz.

REFERENCE	REFERENCE #
1. Applicable Equipment Modification Instruction	APPLICABLE MI
2. Radioactive Commodities DOD SYS	MCO P4400.105
3. MIMMS Field Procedures Manual	MCO P4790.2C
4. Infantry Weapons Guage Calibration Exchange Program	TT 4733-15/11



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS04 HOURS: 2.00

TITLE: INSPECTIONS / VISITS

5. Ground Equipment Record Procedures TM 4700-15/1H

6. FMF SASSY Using Unit Procedures UM 4400.124

7. MIMMS AIS Field Maintenance Procedures UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS05 HOURS: 1.00

TITLE: DEPLOYMENTS / UDP / FLOAT

METHOD HOURS S:I RATIO

GD 1.00 20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

- 1. Guided discussion to discuss and transfer experiences encountered during deployment $\ /\ \mbox{UDP}/\ \mbox{float.}$
- 2. Scenarios from instructor and students are discussed to offer real world solutions to problems experienced in the operating force.
- 3. While solutions may not be the final answer, they offer another avenue/direction to achieve an effective end result.



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS06 HOURS: 2.00

TITLE: ARMORY PROCEDURES

METHOD HOURS S:I RATIO

L 2.00 20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify AA&E references, in accordance with the references. (2111.03.08bq)
- Given applicable resources, utilize armory NAVMC forms, in accordance with the references. (2111.03.08br)
- 3. Given applicable resources, identify required authorization letters for armories, in accordance with the references. (2111.03.08bs)
- 4. Given applicable resources, identify accountability requirements for AA&E, in accordance with the references. (2111.03.08bt)

REFERENCE #

1. Ground Equipment Record Procedures TM 4700-15/1H



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS07 HOURS: 4.00

TITLE: PHYSICAL SECURITY

METHOD HOURS S:I RATIO

L 4.00 20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory physical security, in accordance with the references. (2111.03.07)

ENABLING LEARNING OBJECTIVE(S):

- Given applicable resources, identify security references, in accordance with the references. (2111.03.07a)
- 2. Given applicable resources, determine security requirements, in accordance with the references. (2111.03.07b)
- Given applicable resources, evaluate armory facility / storage area for compliance with physical security references, in accordance with the references. (2111.03.07c)
- 4. Given applicable resources, identify procedures for securing weapons and ammunition, in accordance with the references. (2111.03.07d)
- Given applicable resources, identify personnel screening requirements for assignment to AA&E security duties, in accordance with the references. (2111.03.07e)
- 6. Given applicable resources, identify procedures to account for security ammunition, in accordance with the references. (2111.03.07f)
- 7. Given applicable resources, identify procedures for the issue and recovery of armory assets, in accordance with the references. (2111.03.07g)

REFERENCE #

- Arming of Security and Law Enforcement (LE) Personnel and the MCO 5500.6 Use of Force
- 2. Marine Corps Physical Security Program Manual MCO 5530.14
- 3. Consumer Level Supply Policy Manual MCO P4400.150

SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS07 HOURS: 4.00

TITLE: PHYSICAL SECURITY

4. Physical Security of Arms, Ammunition, & Explosives OPNAVINST 5530.13



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS08 HOURS: 1.50

TITLE: WEAPON'S RECORD BOOK

METHOD	HOURS	S:I RATIO
L	1.00	20:1
PA	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify the references for completing entries in the weapon's record book, in accordance with the references. (2111.03.08bu)
- 2. Given applicable resources, identify the sections of weapon's record book, in accordance with the references. (2111.03.08bv)
- 3. Given applicable resources, reconstruct a weapon's record book, in accordance with the references. (2111.03.08bw)
- 4. Given applicable resources, properly complete the weapon's record book, in accordance with the references. (2111.03.08bx)

REFERENCE #

1. Infantry Weapons Guage Calibration Exchange Program TI 4733-15/11



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS09 HOURS: 1.50

TITLE: MISSILE RECORD JACKETS

METHOD	HOURS	S:I RATIO
L	1.00	20:1
ь	1.00	20:1
PA	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, identify the references for missile record jackets, in accordance with the references. (2111.03.08by)
- 2. Given applicable resources, identify the requirements for maintaining a missile record jacket, in accordance with the references. (2111.03.08bz)
- 3. Given applicable resources, reconstruct a lost missile record jacket, in accordance with the references. (2111.03.08ca)

REFERENCE	REFERENCE #
1. MIMMS Field Procedures Manual	MCO P4790.2C
2. Ground Equipment Record Procedures	TM 4700-15/1H
3. FMF SASSY Using Unit Procedures	UM 4400.124
4. MIMMS AIS Field Maintenance Procedures	UM 4790-5



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

LESSON ID: 21XXTS10 HOURS: 7.00

TITLE: INTRODUCTION TO NEW EQUIPMENT AND TECHNIQUES

METHOD HOURS S:I RATIO

L 7.00 20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

Students receive a tour of the school house to familiarize them with new equipment and/or new training techniques/procedures. Students will spend half of this time viewing training in the school house for their respective MOS's. The other half is to show them how other ordnance and engineer MOS's may be able to help them to complete tasks in their own MOS's.



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

EXAM ID: 21XXTS11 HOURS: 4.00

TITLE: END OF COURSE TEST

 METHOD
 HOURS
 S:I RATIO

 X(W)
 4.00
 20:1

MEDIA: CPU, HO

TERMINAL LEARNING OBJECTIVE(S):

- 1. Given applicable resources, maintain armory functional areas, in accordance with the references. (2111.03.08)
- 2. Given applicable resources, maintain armory physical security, in accordance with the references. (2111.03.07)

ENABLING LEARNING OBJECTIVE(S):

- 1. Given applicable resources, define the purpose of the recoverable items program, in accordance with the references. (2111.03.08ci)
- 2. Given applicable resources, identify the procedures for the recoverable items program, in accordance with the references. (2111.03.08cj)
- Given applicable resources, identify the procedures to establish the criteria and principles for economical repair, in accordance with the references. (2111.03.08ck)
- 4. Given applicable resources, identify WIR process for end items, in accordance with the references. (2111.03.08cl)
- 5. Given applicable resources, identify WIR process for secondary repairable, in accordance with the references. (2111.03.08cm)
- 6. Given applicable resources, identify WIR process for small arms, in accordance with the references. (2111.03.08cn)
- 7. Given applicable resources, define the purpose of the WOLPH system, in accordance with the references. (2111.03.08co)
- Given applicable resources, identify auto return / retrograde procedures, in accordance with the references. (2111.03.08cp)
- 9. Given applicable resources, utilize WOLPH program to process WIR's, in accordance with the references. (2111.03.08cq)



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

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- 10. Given applicable resources, identify LASER/radiation references, in accordance with the references. (2111.03.08bd)
- 11. Given applicable resources, identify LASER equipment, in accordance with the references. (2111.03.08be)
- 12. Given applicable resources, identify equipment with radioactive material, in accordance with the references. (2111.03.08bf)
- 13. Given applicable resources, identify classifications of LASERs, in accordance with the references. (2111.03.08bg)
- 14. Given applicable resources, identify inventory requirements for military exempt and class 3b and 4 LASERs, in accordance with the references. (2111.03.08bi)
- 15. Given applicable resources, conduct emergency procedures for a LASER incident, in accordance with the references. (2111.03.08bj)
- 16. Given applicable resources, conduct emergency procedures for radioactive material incident, in accordance with the references. (2111.03.08bk)
- 17. Given applicable resources, identify the characteristics of an inspection, in accordance with the references. (2111.03.08av)
- 18. Given applicable resources, identify the types of inspections, in accordance with the references. (2111.03.08aw)
- 19. Given applicable resources, identify characteristics of a visit, in accordance with the references. (2111.03.08ax)
- 20. Given applicable resources, identify the types of visits, in accordance with the references. (2111.03.08ay)
- 21. Given applicable resources, identify AIRS checklist, in accordance with the references. (2111.03.08az)
- 22. Given applicable resources, utilize AIRS checklist to conduct an inspection, in accordance with the references. (2111.03.08ba)
- 23. Given applicable resources, identify AA&E references, in accordance with the



SECTION IV - CONCEPT CARDS

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references. (2111.03.08bq)

- 24. Given applicable resources, utilize armory NAVMC forms, in accordance with the references. (2111.03.08br)
- 25. Given applicable resources, identify required authorization letters for armories, in accordance with the references. (2111.03.08bs)
- 26. Given applicable resources, identify accountability requirements for AA&E, in accordance with the references. (2111.03.08bt)
- 27. Given applicable resources, identify the references for completing entries in the weapon's record book, in accordance with the references. (2111.03.08bu)
- 28. Given applicable resources, identify the sections of weapon's record book, in accordance with the references. (2111.03.08bv)
- 29. Given applicable resources, reconstruct a weapon's record book, in accordance with the references. (2111.03.08bw)
- 30. Given applicable resources, properly complete the weapon's record book, in accordance with the references. (2111.03.08bx)
- 31. Given applicable resources, identify the references for missile record jackets, in accordance with the references. (2111.03.08by)
- 32. Given applicable resources, identify the requirements for maintaining a missile record jacket, in accordance with the references. (2111.03.08bz)
- 33. Given applicable resources, reconstruct a lost missile record jacket, in accordance with the references. (2111.03.08ca)

NOTE(S):

This exam consist of 50 multiple choice questions. The student has 3 hours to complete the exam.

REFERENCE # REFERENCE #

1. Applicable Equipment Modification Instruction APPLICABLE MI

2. Reporting Missing, Lost, Stolen, or Recovered (MLSR) MCO 4340.1



SECTION IV - CONCEPT CARDS

ANNEX A - GROUND ORDNANCE INTERMEDIATE LEVEL SUPERVISORS COURSE

EXAM ID: 21XXTS11 HOURS: 4.00

TITLE: END OF COURSE TEST

Government Property

 Arming of Security and Law Enforcement (LE) Personnel and the MCO 5500.6 Use of Force

4. USMC Serial CNTL SM Arms Sys MCO 8300.1

5. Radioactive Commodities DOD SYS MCO P4400.105

6. MIMMS Field Procedures Manual MCO P4790.2C

7. Radiation Safety NAVSEATM-50420-AA

8. Physical Security of Arms, Ammunition, & Explosives OPNAVINST 5530.13

9. Physical Security and Loss Prevention OPNAVINST 5530.14

10. Calibration Requirements USMC TMDE CAMP TI 4733-15/1

11. Infantry Weapons Guage Calibration Exchange Program TI 4733-15/11

12. Ground Equipment Record Procedures TM 4700-15/1H

13. FMF SASSY Using Unit Procedures UM 4400.124

14. MIMMS AIS Field Maintenance Procedures UM 4790-5

SECTION IV - CONCEPT CARDS

ANNEX Z - ADMINISTRATIVE

EVENT ID: 21XXZ001 HOURS: 2.00

EVENT: ADMIN CHECK IN / COURSE CONTENT / INTRODUCTION

METHOD HOURS S:I RATIO

ADMIN 2.00 20:1

MEDIA: HO

NOTE(S):

During this time students will receive a course introduction from the chief instructor and a brief from Administration Section.



SECTION IV - CONCEPT CARDS

ANNEX Z - ADMINISTRATIVE

EVENT ID: 21XXZ002 HOURS: 3.00

EVENT: GRADUATION / CHECK OUT

METHOD HOURS S:I RATIO

ADMIN 3.00 20:1

MEDIA:

NOTE(S):

During this time student will have graduation rehearsal, graduation ceremony and receive their endorsements from the administration section.



GROUND ORDNANCE SUPERVISORS COURSE PROGRAM OF INSTRUCTION

SECTION V - STUDENT PERFORMANCE EVALUATION

- 1. SCOPE. There is one measurement method used at the Ground Ordnance Mid-Level Supervisors Course. Individual lessons are evaluated by test items on written examinations given during class.
- 2. MASTERY LEARNING. The evaluative philosophy utilized in this course stresses student achievement of all learning objectives. Students must master 100% of all Terminal Learning Objectives (TLOs) presented during all periods of instruction. Evaluations are used to determine mastery of the learning objectives, and not rank order the students. A minimum score of 80% is required to pass an exam.
- 3. EVALUATION OF STUDENTS. Each student is evaluated on each week's learning objectives before proceeding to the next week. This is accomplished through written test items concerning the subject material.
- a. Written Evaluations and Quizzes. Knowledge-based learning objectives are evaluated by written examinations and quizzes, given throughout the course. Test failures will receive remedial instruction and retested. Students who do not master a given examination on the second attempt will be disenrolled from the course. It is the responsibility of the Ground Ordnance Mid-Level Supervisors Course staff to render every assistance to each student needing help to achieve mastery.
 - b. A complete listing of all exams given can be found in section IV.



GROUND ORDNANCE SUPERVISORS COURSE PROGRAM OF INSTRUCTION

SECTION VI - DISTRIBUTION LIST

DISTRIBUTION	QUANTITY
CG, MCCDC (C 472)	3
COMMARFORLANT	1
COMMARFORPAC	1
COMMARFORRES	1
American Council on Education (ACE)	1
Marine Corps Institute (MCI)	1

